



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
PTO-1449

ATTY. DOCKET NO.  
2509/71

SERIAL NO.  
09/819,449

APPLICANT  
PETROV, et al.

FILING DATE  
March 28, 2001

GROUP  
2852

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	INVENTORS NAME
ck	6,044,170	March 28, 2000	MIGDAL, et al.
ck	5,164,793	November 17, 1992	WOLFERSBERGER, et al.
ck	4,965,665	October 23, 1990	AMIR
ck	4,653,104	March 24, 1987	TAMURA
ck	4,175,862	November 27, 1979	DIMATTEO, et al.
ck	4,794,262	December 27, 1988	SATO, et al.
ck	4,982,102	January 1, 1991	INOUE, et al.
ck	4,529,305	July 16, 1985	WELFORD, et al.
ck	4,529,316	July 16, 1985	DIMATTEO
ck	4,575,805	March 11, 1986	MOERMANN, et al.
ck	4,645,347	February 24, 1987	RIOUX
ck	4,800,270	January 24, 1989	BLAIS
ck	4,800,271	January 24, 1989	BLAIS
ck	4,825,263	April 25, 1989	DESJARDINS, et al.
ck	4,948,258	August 14, 1990	CAIMI
ck	4,952,149	August 28, 1990	DURET, et al.
ck	4,961,155	October 2, 1990	OZEKI, et al.
ck	4,965,665	October 23, 1990	AMIR
ck	5,018,854	May 28, 1991	RIOUX
ck	5,027,281	June 25, 1991	REKOW, et al.
ck	5,127,061	June 30, 1992	AMIR, et al.
ck	5,164,793	November 17, 1992	WOLFERSBERGER, et al.
ck	5,177,556	January 5, 1993	RIOUX
ck	5,187,364	February 16, 1993	BLAIS
ck	5,193,120	March 9, 1993	GAMACHE, et al.
ck	5,196,900	March 23, 1993	PETTERSEN
ck	5,216,236	June 1, 1993	BLAIS
ck	5,218,427	June 8, 1993	KOCH
ck	5,270,795	December 14, 1993	BLAIS
ck	5,280,542	January 18, 1994	OZEKI, et al.

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	INVENTORS NAME
CD	5,303,386	April 12, 1994	FIASCONARO
UL	5,305,092	April 19, 1994	MIMURA, et al.
UL	5,345,490	September 6, 1994	FINNIGAN, et al.
OIP	5,377,011	December 27, 1994	KOCH
EV	5,410,358	April 25, 1996	SHACKLETON, et al.
FEB 12 2002	5,416,591	May 16, 1995	YOSHIMURA, et al.
UL	5,418,608	May 23, 1995	CAIMI, et al.
UL	5,444,537	August 22, 1995	YOSHIMURA, et al.
IN	5,465,323	November 7, 1995	MALLET
UL	5,511,153	April 23, 1996	AZARBAYEJANI, et al.
UL	5,436,655	July 25, 1995	HIYAMA, et al.
UL	5,481,483	January 2, 1996	EBENSTEIN
UL	5,506,683	April 9, 1996	YANG, et al.
CC	5,513,276	April 30, 1996	THEODORACATOS
UL	5,509,090	April 16, 1996	MARIYAMA, et al.
UL	5,473,436	December 5, 1996	FUKAZAWA
UL	5,446,549	August 29, 1995	MAZUMDER, et al.
UL	5,424,835	June 13, 1995	COSNARD, et al.
91	5,381,236	January 10, 1995	MORGAN
91	5,104,227	April 14, 1992	UESUGI, et al.
91	5,102,224	April 7, 1992	UESUGI, et al.
91	5,102,223	April 7, 1992	UESUGI, et al.
91	5,030,008	July 9, 1991	SCOTT, et al.
UL	4,737,032	April 12, 1988	ADDLEMAN, et al.
UL	4,705,401	November 10, 1987	ADDLEMAN, et al.
UL	4,653,104	March 24, 1987	TAMURA
UL	4,627,734	December 9, 1986	RIOUX
UL	4,297,034	October 27, 1981	ITO, et al.
UL	5,528,738	June 18, 1996	SFARTI, et al.
UL	5,381,526	January 10, 1995	ELLSON
UL	4,238,147	December 9, 1980	STERN
UL	5,619,587	April 8, 1997	WILLOUGHBY, JR., et al.
UL	5,170,439	December 8, 1992	ZENG, et al.
UL	4,982,438	January 1, 1991	USAMI, et al.
UL	5,671,395	September 23, 1997	KIYAMA
UL	4,819,197	April 4, 1989	BLAIS
UL	5,446,548	August 29, 1995	GERIG, et al.
UL	5,489,950	February 6, 1996	MASUDA
UL	5,259,037	November 2, 1993	PLUNK
UL	5,321,766	June 14, 1994	FRAAS, et al.

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	INVENTORS NAME
u	5,699,444	December 16, 1997	PALM
OIP	4,871,256	October 3, 1989	GRINDON
u	5,528,737	June 18, 1996	SFARTI
u	5,589,942	December 31, 1996	GORDON
u	5,615,003	March 25, 1997	HERMARY, et al.
u	5,680,216	October 21, 1997	HIERHOLZER, et al.
u	5,784,098	July 21, 1998	SHOJI, et al.

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
u	4-110707 A	April 13, 1992	Japan	abstract	x
u	1,295,039	January 28, 1992	Canada		x
u	1,332,633	October 18, 1994	Canada		x
u	2,264,601	September 1, 1993	Great Britain		x
u	2,264,602	September 1, 1993	Great Britain		x
u	WO 96/06325	February 29, 1996	PCT		x
u	0 632 349 A1	January 4, 1995	Europe		x

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#### OTHER DOCUMENTS

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
u	Hoppe, Hugues, "Surface Reconstruction from Unorganized Points", Dissertation UW, pp. 1-116, 1994
u	Eck, Matthias, et al., "Multiresolution Analysis of Arbitrary Meshes", Technical Report #95 01-02, pp. 1-25, 1995.
u	DeRose, Tony, et al., "Fitting of Surfaces to Scattered Data", University of Washington, pp. 212-220.
u	Hoppe, Hugues, "Generation of 3D Geometric Models from Unstructured 3D Points", pp. 424-431.
u	Turk, Greg, et al., "Zippered Polygon Meshes from Range Images", Stanford University, 8 pages.
u	Rioux, Marc, et al., "White Laser, Synced Scan", IEEE computer Graphics and Applications, Vol. 13, No. 3, pp. 15-17, May 1995.
u	Carlson, Ingrid, et al., "Modeling and Analysis of Empirical Data in Collaborative Environments", Communications of the ACM, Vol. 35, No. 6, June 1992, p.1-13.
u	Jones, P.F., et al., "Comparison of Three Three-Dimensional Imaging Systems", J. Opt. Soc. Am. A., Vol. 11, No. 10, October 1994, pp. 2613-2621.

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
u	Hausler, Gerd, et al., "Light Sectioning With Large Depth and High Resolution", Applied Optics, Vol. 27, No. 24, December 15, 1988, pp. 5165-5169.
OIRE	Motamedi, M. Edward, et al., "Miniaturized Micro-Optical Scanners", Optical Engineering, Vol. 33, No. 11, November 1994, pp. 3616-3623.
FEB 1 2002	Rioux, Marc, et al., "Design of a Large Depth of View Three-Dimensional Camera for Robot Vision", Optical Engineering, Vol. 26, No. 12, December 1987, pp. 1245-1250.
u	Trepte, Oliver, et al., "Computer Control for a Galvanometer Scanner in a Confocal Scanning Laser Microscope", Optical Engineering, Vol. 33, No. 11, November 1994, pp. 3774-3780.
u	Strand, T.C., "Optical Three-Dimensional Sensing for Machine Vision", Optical Engineering, Vol. 24, No. 1, January/February 1985, pp. 33-40.
u	Busch, David D., "Getting the Picture", Windows Sources, November 1995, pp. 114-136.
u	Marshall, G.F., "Scanner Refinements Inspire New Uses", Laser Focus World, June 1994, pp. 2-6.
u	Ludwiszewski, Alan, "Standards for Oscillatory Scanners", General Scanning Inc., Feb. 1993, pp. 1-21.
u	"Cyberware Corporate Backgrounder", Cyberware WWW Support (Internet Site), January 16, 1996 (last update), 11 pages.
u	Brosens, Pierre J., "Scanning Speed and Accuracy of Moving Magnet Optical Scanners" Optical Engineering, Vol. 34, No. 1, January 1995, pp. 200-207.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 11/5/66
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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